



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
901 NORTH 5TH STREET
KANSAS CITY, KANSAS 66101

September 20, 2001

Site: HERCULANEUM
ID #: 400006266373
Break: 2.0
Other: ANL 7 9/20/01

Mr. Ken Brown
USEPA
944 East Harmon Drive
Las Vegas, NV 89119

Dear Mr. Brown:

RE: Herculaneum Lead Smelter Site Sample

The Herculaneum Lead Smelter Site is located approximately 30 miles south of St. Louis, Missouri, in the town of Herculaneum. The site is a fully operational lead smelter that has operated in the town since 1890. Analytical results on the material collected from the roads used as haul routes for the delivery of lead concentrate to the smelter have indicated lead concentrations as high as 30%. The town is also a non-attainment area for ambient air quality standards and has resident elevated blood leads above the national average. Recent site inspections conducted in concert with the road dust sampling have revealed that the likely source of the lead dust is the trucks used to deliver lead concentrate to the smelter facility.

Representatives of the Smelter have indicated that the lead concentrate is not bioavailable to humans. Thus, we are interested in gathering additional information on the bioavailability of the road dust. Although EPA has decided to move expeditiously to characterize and remove contaminated yard soils, we may need bioavailability data down the road for cost recovery. EPA Region VII is requesting that the enclosed sample be analyzed for bioavailability. The sample is a composite sample of material collected from road surfaces in Herculaneum.

Thank you for your assistance in this matter. Please contact me at 913-551-7755 if you have any questions.

Sincerely,

Bruce A. Morrison
Project Manager
Superfund Division

Enclosure

40174065



SUPERFUND RECORDS



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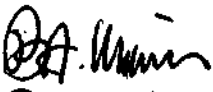
Sincerely,

Bruce A. Morrison
Project Manager
Superfund Division

Enclosure

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9-20-01